

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/18/2006

Version No. 3

Reviewed on 08/18/2006

## 1 Identification of substance

### · Product details

· **Trade name:** *Pall-X 96 (USA)*

· **Application of the substance / the preparation** *Water-based, 1-component parquet seal for parquet flooring*

### · Manufacturer/Supplier:

*JP Coatings GmbH*

*Im Kreuz 6*

*D-97076 Würzburg*

*Tel. +49 (0)931-27964-0*

*Fax +49 (0)931-27964-50*

· **Information department:** *Products Development Lab*

### · Emergency information:

*Medical emergencies: +49 30 19 240*

*Transportation emergencies: +49 621 60 43 333*

## 2 Composition/Data on components

### · Chemical characterization

· **Description:** *Mixture of the substances listed below with nonhazardous additions.*

### · Dangerous components:

872-50-4	<i>N-methyl-2-pyrrolidone</i>	5-10%
34590-94-8	<i>(2-methoxymethylethoxy)propanol</i>	5-10%

## 3 Hazards identification

### · Information pertaining to particular dangers for man and environment:

*No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.*

· **NFPA ratings (scale 0 - 4)**



*Health = 1*

*Fire = 1*

*Reactivity = 0*

· **HMIS-ratings (scale 0 - 4)**



*Health = 1*

*Fire = 1*

*Reactivity = 0*

### · Additional information:

*NFPA Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.*

*NFPA is the National Fire Protection Association.*

*HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.*

*HMIS®, the Hazardous Materials Identification System, is a registered mark of the National Paint and Coatings Association (NPCA).*

## 4 First aid measures

· **General information:** *No special measures required.*

· **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*

· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· **After eye contact:** *Rinse opened eye for several minutes under running water.*

· **After swallowing:** *Do not induce vomiting; immediately call for medical help.*

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## 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.
- **Additional information:** Flash point: > 100°C (> 212°F).

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

### 872-50-4 N-methyl-2-pyrrolidone

AIHA WEEL	10 ppm Skin
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### 34590-94-8 (2-methoxymethylethoxy)propanol

ACGIH TLV	Short-term value: 909 mg/m <sup>3</sup> , 150 ppm Long-term value: 606 mg/m <sup>3</sup> , 100 ppm Skin
NIOSH REL	Short-term value: 900 mg/m <sup>3</sup> , 150 ppm Long-term value: 600 mg/m <sup>3</sup> , 100 ppm
OSHA PEL	600 mg/m <sup>3</sup> , 100 ppm Skin

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** PVC or PE gloves
- **Material of gloves:** PVC or PE gloves
- **Penetration time of glove material:**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

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## 9 Physical and chemical properties

### · General Information

**Form:** Fluid  
**Color:** Light yellow  
**Odor:** Weak, characteristic

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** > 100°C (> 212°F)

· **Ignition temperature:** > 200°C (> 392°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C (68°F):** 1.04 g/cm<sup>3</sup>

· **Solubility in / Miscibility with**  
**Water:** Fully miscible.

· **pH-value at 20°C (68°F):** 7.9

· **Viscosity:**  
**Kinematic at 20°C (68°F):** 20 s (DIN 53211/4)

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **Specific symptoms in biological assay:**
- **Primary route(s) of entry:** Skin contact, eye contact, ingestion.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

## 13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal should be in accordance with local, state or national legislation.
- **Uncleaned packagings:**
- **Recommendation:**  
 Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

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· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

· **DOT regulations:**· **Hazard class:** -· **Maritime transport IMDG:**· **IMDG Class:** -· **Marine pollutant:** No· **Air transport ICAO-TI and IATA-DGR:**· **ICAO/IATA Class:** -· **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulations

· **SARA (Superfund Amendments and Reauthorization Act)**· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

872-50-4 | N-methyl-2-pyrrolidone

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65 (California)**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

872-50-4 | N-methyl-2-pyrrolidone

· **Carcinogenicity categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

The product is not subject to regulations on classification, packaging and labeling according to EC-directives on hazardous materials.

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Observe the general safety regulations when handling chemicals.

· **Safety phrases:**

Keep out of the reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

\* **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Products Development Lab

· **Contact:** Dr. Koette, phone +49 (0)931 27964-25

· \* **Data compared to the previous version altered.**

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